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March 6th, 1849.

DR. PATTERSON in the Chair.

Dr. Gambel read a continuation of his "Remarks on the Birds of Upper California," intended for publication in the Journal. Referred to Mr. Cassin, Dr. Wilson, and Dr. Townsend.

Dr. Gambel also read a paper intended for publication in the Journal, entitled, "Notes on the Pidgeons, with descriptions of new species," which was referred to Mr. Cassin, Dr. Wilson, and Mr. Harris.

Professor Agassiz made some remarks on the distinctions between the fossil Crocodiles of the green sand of New Jersey, described by Drs. Harlan and Morton, and characterized that of Dr. Harlan as a distinct genus under the proposed name of *Bottosaurus*.

March 13th, 1849.

DR. BRIDGES in the Chair.

Dr. Leidy presented a communication from Professor Haldeman, intended for publication in the Proceedings, describing new species of *Cryptocephalus*, &c., in the collection of Dr. J. L. Le Conte. Referred to Drs. Zantzing, Griffith, and Watson.

Dr. Keller read a memoir entitled "On Ciliary cells of some marine naked Mollusca, in embryo;" which was referred to a committee consisting of Drs. Leidy, Goddard, and Hallowell.

Professor Agassiz made some observations upon the *Crocodylus clavirostris* of Morton, and characterized it as a distinct genus under the proposed name of *Sphenosaurus*. He also referred to the remains of an immense fossil Chelonian, in the collection of the Academy, and found in the green sand of New Jersey. Being allied to the *Colossochelys* of India, Professor Agassiz proposed for it the name of *Atlantochelys Mortoni*.

Dr. Leidy made some remarks on the intimate structure of the so-called cartilages of the Cephalopoda, and pointed out their strong resemblance to bone.

March 27th, 1849.

DR. BRIDGES in the Chair.

The Committee to whom was referred Professor Haldeman's descriptions of new species of *Cryptocephalus*, &c., reported in favour of publication in the Proceedings.